Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Tuesday 15 Aug 2023 until 23:59 on Wednesday 16 Aug 2023

Forecast Issued on Tuesday 15 Aug 2023 at 00:26

Confidence: High confidence for a spell of drier and warmer weather this week, but some uncertainty regarding extent of showers and overnight fog. Low confidence for heavy rain details Friday night into Saturday.

Headline for Tuesday 15 Aug 2023: Sunny spells and a few showers, perhaps locally heavy.

Mountain weather hazards on Tuesday 15 Aug 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** High Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
FOG					
Fog	Sunny intervals	Sunny intervals	Light rain showers	Sunny intervals	Partly cloudy (night)
Precipitation probability					
<05%	10%	20%	30%	10%	<05%

Forecast for Tuesday 15 Aug 2023

Weather: Early low cloud lifting and breaking up through the morning to give sunny spells. A few showers are possible from late morning, with perhaps the odd heavier burst in the afternoon. Showers dying away in the evening to leave a dry and largely clear night.

Chance of cloud-free hill tops above 600m: 40%, increasing to 100% by mid-morning.

Low cloud and visibility: Areas of cloud with bases 300-500m lifting and breaking by mid-morning. Cloud then generally above the hills. Visibility mostly good to very good but moderate to poor in showers and very poor in early low cloud covering the hills.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2023. All Rights Reserved.

Mountain Weather Forecast

Forecast for Tuesday 15 Aug 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	16/20 W	17/22 W	16/21 W	14/19 W	12/17 W	9/13 W	9/12 W
300	10/14 SW	12/17 W	13/18 W	12/17 W	9/15 W	6/10 W	5/8 SW
Valley	6/13 SW	9/16 W	10/18 W	10/18 W	8/15 W	4/10 W	3/7 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/8	12/9	14/11	14/12	14/11	11/9	11/9
300	13/11	14/12	16/14	17/15	16/15	14/13	13/12
Valley	14/13	15/14	18/16	18/16	17/16	14/14	13/13
Freezing Level*	2300m	2400m	2300m	2400m	2300m	2300m	2300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Moderate to high levels of UV expected, so sun protection is recommended. Maximum temperatures are likely to be a couple of degrees higher than shown.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Tue 15 Aug 2023	20.6mm	23.8mm	27.6mm

Forecast for Wednesday 16 Aug 2023

Weather: Some patches of mist, fog and low cloud forming during the early hours. These lifting and clearing on Wednesday morning to leave a largely dry day with sunny spells and light winds, although the odd light shower is possible during the late morning and afternoon. Warm.

Maximum wind: Northerly or northwesterly 5-10mph gusting 15mph.

Chance of cloud-free hill tops above 600m: Generally >90%, but 40% during the early morning as low cloud and fog lifts and clears.

Low cloud and visibility: Patchy cloud 400-500m and valley fog lifting and clearing above the summits through the early morning. Generally good to very good visibility with cloud above the summits, but moderate in any showers and poor to very poor in early morning fog patches and low cloud covering the hills.

Temperature: **Valleys:** 10 deg C becoming 22 deg C.
At 600m: 12 deg C becoming 15 deg C.
Freezing level: Above summits.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2023. All Rights Reserved.